Section 7: Regional System Exhibits

Exhibit 18

Regional Annual Energy Analysis Under 1937 Water Conditions for 10 Operating Years

Exhibit 18: Medium Loads

Loads and Resources - Pacific Northwest Region 2002 - 2011 Operating Years 1937 Water Year

Regional Firm Loads	Average Energy in Megawatts	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Regional Firm Loads	Firm Regional Loads			,							
Exports	Regional Firm Loads	22367	22509	22945	23390	23750	24121	24465	24880	25292	25670
Column France F	Exports	1908									
Total Firm Regional Loads 24275	Federal Diversity										
Non-Firm Regional Loads 14				-	_		_			·	·
Regional Non-Firm Loads 14 14 14 14 14 14 14 14 14 14 14 14 14 1	Total Firm Regional Loads	24275	24397	24772	25028	25161	25252	25475	25883	26275	26673
Total Non-Firm Regional Loads 14 14 14 14 14 14 14 14 14 14 14 14 14 1	Non-Firm Regional Loads										
Cotal Loads	Regional Non-Firm Loads	14	14	14	14	14	14	14	14	14	14
Notine Resources Regulated Hydro 10502 10509 10518 10524 10532 10542 10548 10551 10553 10557 Adopendent Hydro 1121 1121 1122 11122 11121 1122 1122 1	Total Non-Firm Regional Loads	14	14	14	14	14	14	14	14	14	14
Regulated Hydro 10502 10509 10518 10524 10532 10542 10548 10551 10553 10557 10569 1056	Total Loads	24289	24411	24786	25042	25175	25266	25489	25897	26289	26687
ndependent Hydro	Hydro Resources										
ndependent Hydro	Regulated Hydro	10502	10509	10518	10524	10532	10542	10548	10551	10662	10557
Distained Peaking Adjustment 0	ndependent Hydro										
Sther Resources State St	Sustained Peaking Adjustment										
imail Thermal & Misc. 51 50 51 50 50 51 51 52 52 58 58 50mbustion Turbines 655 656 651 659 658 656 658 656 651 659 658 656 658 656 651 659 658 656 658 656 651 659 658 656 658 656 651 659 658 656 658 656 651 659 658 656 658 656 651 659 658 656 658 656 651 659 658 656 658 656 651 659 658 656 658 656 651 659 658 656 658 656 651 659 658 656 658 656 651 659 658 656 651 659 658 656 651 659 658 656 651 659 658 656 651 659 658 656 651 659 658 656 651 659 658 656 651 659 658 656 651 659 658 659 658 656 651 659 658 656 651 659 658 659 658 651 659 658 658 658 658 658 658 658 658 658 658	Total Hydro Resources	11623	11630	11640	11645	11652	11664	11669	11673	11676	11685
imail Thermal & Misc. 51 50 51 50 50 51 51 52 52 58 58 50mbustion Turbines 655 656 651 659 658 656 658 656 651 659 658 656 658 656 651 659 658 656 658 656 651 659 658 656 658 656 651 659 658 656 658 656 651 659 658 656 658 656 651 659 658 656 658 656 651 659 658 656 658 656 651 659 658 656 658 656 651 659 658 656 658 656 651 659 658 656 658 656 651 659 658 656 651 659 658 656 651 659 658 656 651 659 658 656 651 659 658 656 651 659 658 656 651 659 658 656 651 659 658 656 651 659 658 659 658 656 651 659 658 656 651 659 658 659 658 651 659 658 658 658 658 658 658 658 658 658 658	Other Resources										
Combustion Turbines 655 656 651 659 658 656 658 656 651 659 659 658 656 658 656 651 659 659 659 659 659 659 659 659 659 659	Small Thermal & Misc.	51	50	51	50	50	51	51	52	62	50
Internal biles 76 76 76 76 76 76 76 7	Combustion Turbines	655									
Cogneration 676 67	Renewables	76	76								
1749 1678 1581 1435 1428 1411 1282 1261 1203 821	cogeneration	676	676	676							
arge Thermal 5034 4850 4952 4880 4962 4843 5016 4836 4954 4895 100-Utility Generation 1234 1223 1224 1284 1289 1288 1288 1288 1289 1271 1200 1284 1284 1289 1288 1288 1289 1271 1280 1288 1288 1289 1271 1280 1288 1288 1289 1271 1280 1288 1288 1289 1271 1280 1288 1288 1289 1271 1280 1288 1288 1289 1271 1280 1289 1288 1288 1289 1271 1280 1289 1288 1288 1289 1271 1280 1289 1288 1288 1289 1271 1280 1289 1288 1288 1289 1271 1280 1289 1288 1288 1289 1271 1280 1289 1288 1288 1289 1271 1280 1289 1289 1289 1288 1289 1289 1289 1289			1678	1581	1435	1428					
1234 1223 1224 1264 1269 1268 1268 1268 1269 1271			4850	4952	4880						
Description		1234	1223	1224	1264	1269					
class ources 21097 20839 20851 20686 20772 20647 20696 20497 20557 20142 Leserves & Maintenance ydro Reserves 0	Resource Acquisition	0	0	0	0	0					
Company Comp	otal Other Resources	9475	9209	9211	9041	9120	8982	9027	8825	8881	8457
ydro Reserves 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	otal Resources	21097	20839	20851	20686	20772	20647	20696	20497	20557	20142
Mail Thermal & Misc. Reserves	Reserves & Maintenance										
mall Thermal & Misc. Reserves 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	lydro Reserves	0	0	0	0	0	0	0	0	0	0
ontract Reserves 0	mall Thermal & Misc. Reserves	0									
arge Thermal Reserves 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ontract Reserves			Ö				-			
egional Hydro Maintenance -12 -12 -12 -12 -12 -12 -12 -12 -12 -12		-		0	0		-				
pinning Reserves 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					-12	-12	-12	_			
otal Reserves, Maintenance & Losses -607 -600 -600 -595 -598 -594 -596 -590 -592 -580 otal Net Resources 20491 20240 20251 20091 20174 20052 20101 19907 19966 19563 urplus/Deficits rm Surplus/Deficits -3784 -4157 -4521 -4937 -4987 -5199 -5374 -5976 -6310 -7110					-	0					
otal Net Resources 20491 20240 20251 20091 20174 20052 20101 19907 19966 19563 urplus/Deficits rm Surplus/Deficit -3784 -4157 -4521 -4937 -4987 -5199 -5374 -5976 -6310 -7110	regional Transmission Losses	-595	-587	-588	-583	-585	-582	-583	-578	-	-568
<u>urplus/Deficits</u> rm Surplus/Deficit -3784 -4157 -4521 -4937 -4987 -5199 -5374 -5976 -6310 -7110	otal Reserves, Maintenance & Losses	-607	-600	-600	-595	-598	-594	-596	-590	-592	-580
rm Surplus/Deficit -3784 -4157 -4521 -4937 -4987 -5199 -5374 -5976 -6310 -7110	otal Net Resources	20491	20240	20251	20091	20174	20052	20101	19907	19966	19563
-7110 -7110 -7110 -7110 -7110 -7110 -7110 -7110 -7110 -7110	urplus/Deficits										
otal Surplus/Deficit -3798 -4171 -4535 -4951 -5001 -5213 -5388 -5990 -6324 -7124	irm Surplus/Deficit	-3784	4157	-4521	-4937	-4987	-5199	-5374	-5976	-6310	-7110
	otal Surplus/Deficit	-3798	-4171	-4535	-4951	-5001	-5213	-5388	-5990	-6324	-7124

Exhibits 19 – 21

Regional Monthly Energy Analysis Under Medium Loads for 1937 Water Conditions

Exhibit 19: OY 2001-02

Loads and Resources - Pacific Northwest Region 2001 - 2002 Operating Year 1937 Water Year

Average Energy in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg	
Firm Regional Loads																
Regional Firm Loads	22522	22522	21530	20722	22648	24495	25035	24204	22329	21444	21424	20767	21211	21505	22367	
Exports	2300				1700		1765		1687	1817	1817	1821	2255	2265	1908	
Federal Diversity	0		0		.,,00	0	1700		1007	0 10 17	1017	0	2255		1908	
	•	•		•	·	·	·	U	U	U	U	U	U	U	U	
Total Firm Regional Loads	24822	24822	23599	22487	24348	26221	26800	25929	24016	23261	23240	22588	23466	23770	24275	
Non-Firm Regional Loads									*							
Regional Non-Firm Loads	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
Total Non-Firm Regional Loads	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
Total Loads	24836	24836	23613	22501	24362	26235	26814	25943	24030	23275	23254	22602	23480	23784	24289	
Hydro Resources																
Regulated Hydro	11234	10205	9234	10180	10184	11902	9462	10492	8550	9243	9208	12591	11704	11781	10502	
Independent Hydro	1103	1131	1052	1024	934	998	812	825	975	1241	1294	1593	1643	1209	1121	
Sustained Peaking Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Hydro Resources	12337	11336	10286	11204	11118	12900	10275	11317	9524	10484	10502	14184	13348	12990	11623	
Other Resources																
Small Thermal & Misc.	71	72	58	59	49	46	47	45	47	46	45	67	47			
Combustion Turbines	660	683	688	717	731	734	735	735	489	264	551	57 584	17 691	66 675	51	
Renewables	78	78	78	79	80	82	83	82	82	81	81	33	78	78	655 76	
Cogeneration	718	718	718	718	718	731	718	718	718	718	718	275	651	711	676	
Imports	1780	1779	1383	1550	1887	2191	2245	2005	1626	1534	1493	1347	1651	1806	1749	
Large Thermal	5213	5217	5165	5167	5129	5119	5122	5114	4995	4886	4979	4087	5161	5201	5034	
Non-Utility Generation	1296	1333	1243	1223	1266	1285	1204	1211	1127	1278	1278	1001	1305	1350	1234	
Resource Acquisition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Other Resources	9817	9881	9332	9513	9860	10188	10154	9911	9084	8807	9146	7385	9555	9887	9475	
Total Resources	22153	21216	19618	20717	20977	23088	20429	21228	18608	19291	19648	21569	22903	22877	21097	
Reserves & Maintenance																
Hydro Reserves	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Small Thermal & Misc. Reserves	Ō	Ö	Ö	Ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ő	ő	ő	ő	ŏ	ŏ	
Contract Reserves	0	0	0	0	Õ	Ŏ	ō	ō	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ő	
Large Thermal Reserves	0	0	0	0	0	Ō	Ö	ō	ŏ	ő	ŏ	ŏ	ő	ŏ	ŏ	
Regional Hydro Maintenance	-31	-26	-8.6	-9	-3.8	0	0	ō	-5.2	-7.4	-7.6	-20	-15	-50	-12	
Spinning Reserves	0	0	0	0	0	0	0	0	0	0	0	0	o .	Ō	ō	
Regional Transmission Losses	-624	-598	-553	-584	-591	-651	-576	-599	-525	-544	-554	-608	-645	-644	-595	
Total Reserves, Maintenance & Losses	-655	-623	-562	-593	-595	-651	-576	-599	-530	-551	-561	-628	-660	-694	-607	
Total Net Resources	21498	20593	19057	20124	20382	22437	19853	20629	18078	18740	19087	20942	22242	22184	20491	
Surplus/Deficits																
Firm Surplus/Deficit	-3323	-4229	-4542	-2363	-3966	-3783	-6947	-5299	-5937	-4521	-4153	-1646	-1224	-1586	-3784	
Total Surplus/Deficit	-3337	-4243	-4556	-2377	-3980	-3797	-6961	-5313	-5951	-4535	-4167	-1660	-1238	-1600	-3798	

Exhibit 20: OY 2005-06

Loads and Resources - Pacific Northwest Region 2005 - 2006 Operating Year 1937 Water Year

Average Energy in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
Firm Regional Loads															
Regional Firm Loads	22306	22304	21385	22195	24377	26435	27077	26107	24128	23172	23147	22194	22636	23000	23750
Exports	1598	1598	1517	1321	1313	1316	1316		1284	1392	1392	1414	1614	1556	1411
Federal Diversity	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Firm Regional Loads	23904	23902	22902	23517	25689	27752	28394	27402	25412	24564	24539	23607	24250	24556	25161
Non-Firm Regional Loads															
Regional Non-Firm Loads	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Total Non-Firm Regional Loads	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Total Loads	23918	23916	22916	23531	25703	27766	28408	27416	25426	24578	24553	23621	24264	24570	25175
Hydro Resources															
Regulated Hydro	11266	10227	9261	10207	10217	11946	9507	10520	8572	9278	9241	12626	11732	11787	10532
Independent Hydro	1092	1120	1051	1024	933	1004	819	832	974	1240	1294	1593	1643	1200	1121
Sustained Peaking Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Hydro Resources	12357	11346	10312	11231	11150	12950	10326	11352	9546	10518	10535	14219	13376	12987	11652
Other Resources															
Small Thermal & Misc.	60	61	58	58	48	52	53	51	46	46	45	57	47	56	
Combustion Turbines	677	700	705	717	731	734	735	735	489	264	551	584	17 691	675	50 658
Renewables	78	78	78	79	80	82	83	82	82	81	81	33	78	78	76
Cogeneration	718	718	718	718	718	731	718	718	718	718	718	275	651	711	676
imports	1508	1508	1279	1186	1615	1675	1720	1667	1299	1249	1208	937	1416	1604	1428
Large Thermal Non-Utility Generation	5173	5177	5164	5166	5128	5142	5145	5138	5013	4959	4954	4016	4345	5157	4962
Resource Acquisition	1379 0	1415 0	1294	1214	1255	1280	1252	1258	1171	1323	1323	1046	1351	1389	1269
Mesource Addustrott	U	U	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Other Resources	9594	9657	9296	9139	9576	9698	9707	9650	8818	8640	8880	6949	8549	9670	9120
Total Resources	21951	21003	19608	20370	20726	22648	20033	21002	18365	19158	19415	21168	21925	22657	20772
Reserves & Maintenance															
Hydro Reserves	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Small Thermal & Misc. Reserves	0	0	0	0	0	0	0	0	0	0	Ō	Ö	Ö	ō	ŏ
Contract Reserves Large Thermal Reserves	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Regional Hydro Maintenance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spinning Reserves	-31 0	-25 0	-8.6 0	-9 0	-3.8	0	0	0	-5.2	-7.4	-7.6	-20	-15	-50	-12
Regional Transmission Losses	-618	-592	-553	-574	0 -584	0 -639	0 -565	-592	0 -518	0 -540	0 -547	-596	0 -618	0 -638	0 -585
Total Reserves, Maintenance & Losses	-649	-617	-561	-583	-588	-639	-565	-592	-523	-547	-555	-616	-633	-687	-598
Total Net Resources	04200														
	21302	20386	19047	19787	20138	22009	19468	20410	17842	18611	18860	20551	21292	21970	20174
Surplus/Deficits Firm Surplus/Deficit	-2602	-3516	-3855	-3730	-5551	-5743	-8926	-6992	-7570	-5954	-5680	-3056	-2958	-2586	-4987
Total Surplus/Deficit	2040	2520	2000												
Total outploadellat	-2616	-3530	-3869	-3744	-5565	-5757	-8940	-7006	-7584	-5968	-5694	-3070	-2972	-2600	-5001

Exhibit 21: OY 2010-11

Loads and Resources - Pacific Northwest Region 2010 - 2011 Operating Year 1937 Water Year

Average Energy in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	: Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
Firm Regional Loads											-	A			
Regional Firm Loads	24085	24083	23102	24008	26392	28651	29318	28294	20002	05000	05000	00000			
Exports	1104				936	944				25030	25006	23955	24426		25679
Federal Diversity	0				936	944				941	941	940	1134		994
	U	·	U	U	U				0	0	0	0	0	0	0
Total Firm Regional Loads	25189	25187	24144	24958	27328	29594	30257	29218	27000	25971	25947	24895	25560	25973	26673
Non-Firm Regional Loads															
Regional Non-Firm Loads	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Total Non-Firm Regional Loads	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Total Loads	25203	25201	24158	24972	27342	29608	30271	29232	27014	25985	25961	24909	25574	25987	26687
Hydro Resources															
Regulated Hydro	11290	10244	9276	10224	10250	11980	9543	10543	8597	9306	9271	12661	11751	11802	10557
Independent Hydro	1093	1121	1052	1025	946	1017	832	845		1254	1307	1602	1644	1201	1128
Sustained Peaking Adjustment	0	0	0	0	0	0		0	0	0	0	0	0	0	0
Total Hydro Resources	12383	11365	10328	11249	11196	12997	10375	11388	9584	10560	10578	14263	13396	13003	11685
Other Resources															
Small Thermal & Misc.	61	62	59	59	60	64	65	64	59	59	- 58	•	4-		
Combustion Turbines	679	702	707	719	733	736	737	736	491	266	553	66	17	57	58
Renewables	78	78	78	79	80	82	83	82	82	200 81	81	585 33	693 78	677	659
Cogeneration	718	718	718	718	718	731	718	718	718	718	718	275	651	78 711	76 676
Imports	796	796	533	638	909	982	961	967	913	748	723	753	796	864	821
Large Thermal	5177	5181	5167	5170	5172	5187	5191	5186	5004	4467	4206	3826	4165	5161	4895
Non-Utility Generation	1374	1409	1288	1208	1258	1281	1259	1268	1180	1330	1330	1052	1352	1389	1271
Resource Acquisition	0	0	0	0	0	0	0	0	0	0.	0	0	0	0	0
Total Other Resources .	8884	8947	8551	8592	8932	9064	9016	9022	8448	7670	7668	6589	7752	8938	8457
Total Resources	21267	20312	18879	19840	20128	22061	19391	20411	18032	18229	18246	20852	21148	21941	20142
Reserves & Maintenance															
Hydro Reserves	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.
Small Thermal & Misc. Reserves	0	Ö	ō	ō	ō	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ő	ŏ	0
Contract Reserves	0	0	Ō	Ö	Ö	õ	ŏ	ŏ	ŏ	ŏ	ŏ	ő	ő	0	0
Large Thermal Reserves	0	0	0	0	0	0	Ŏ	ŏ	ō	ŏ	ŏ	ŏ	ŏ	Ö	Ô
Regional Hydro Maintenance	-31	-25	-8.6	-9	-3.8	0	ō	Ŏ	-5.2	-7.4	-7.6	-20	-15	-50	-12
Spinning Reserves	0	0	0	0	0	0	Ö	ō	Ō	Ô	0	0	0	0	0
Regional Transmission Losses	-599	-572	-532	-559	-568	-622	-547	-576	-508	-514	-514	-587	-596	-617	-568
Total Reserves, Maintenance & Losses	-630	-597	-541	-568	-571	-622	-547	-576	-514	-521	-522	-607	-611	-667	-580
Total Net Resources	20637	19714	18338	19272	19557	21439	18844	19835	17518	17708	17724	20245	20537	21274	19563
Surplus/Deficits .															
Firm Surplus/Deficit	-4551	-5472	-5806	-5686	-7771	-8155	-11413	-9383	-9482	-8263	-8223	-4650	-5023	-4700	-7110
Total Surplus/Deficit	-4565	-5486	-5820	-5700	-7785	-8169	-11427	-9397	-9496	-8277	-8237	-4664	-5037	-4714	-7124

Exhibits 22 – 24

Regional Monthly Capacity Analysis Under Medium Loads for 1937 Water Conditions

Exhibit 22: OY 2001-02

Loads and Resources - Pacific Northwest Region 2001 - 2002 Operating Year 1937 Water Year

Film Regional Loads	Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Exports	Firm Regional Loads														
Exports	Regional Firm Loads	29025	29025	27968	28504	31264	33846	34621	33483	30779	29383	20383	27942	27200	27845
Federal Diversity	Exports	3478	3478	3253											
Total Prim Regional Loads 150 150 150 143 117 170 101 195 140 193 160 160 130 186 159 Total Non-Firm Regional Loads 150 150 150 143 117 170 101 195 140 193 160 160 130 186 159 Total Non-Firm Regional Loads 150 150 150 143 117 170 101 195 140 193 160 160 130 186 159 Total Loads 31970 31977 30672 30684 33467 36140 37025 35793 32943 31693 31692 30237 30101 30713 Hydro Resources 150 150 150 150 150 150 150 150 150 150	Federal Diversity	-682													
Non-Firm Regional Loads Regional Non-Firm Loads 150 150 143 117 170 101 195 140 193 160 160 130 186 159 Total Non-Firm Regional Loads 31970 31977 30672 30684 33467 36140 37025 35793 32943 31693 31692 30237 30101 30713 Hydro Resources Regional Regional Loads 31970 31977 30672 30684 33467 36140 37025 35793 32943 31693 31692 30237 30101 30713 Hydro Resources Regional Regional Loads 31970 31977 30672 30684 33467 36140 37025 35793 32943 31693 31692 30237 30101 30713 Hydro Resources Regional Regional Loads 31970 31977 30672 30684 33467 36140 37025 35793 32943 31693 31692 30237 30101 30713 Hydro Resources Regional Regional Loads 31970 31977 30672 30684 33467 36140 37025 35793 32943 31693 31692 30237 30101 30713 Hydro Resources 1960 1942 1918 1890 1843 1828 1780 1883 1980 2022 2048 2151 2163 2024 Sustained Peaking Adjustment 100 -1388 -2284 -1238 -2278 -1439 -5404 -3768 4440 -4152 -5497 -1310 -4029 -700 Total Hydro Resources 28846 27507 26025 27374 26583 28731 24592 26233 25030 25502 24148 28026 26402 28306 Dibber Resources 3081 Thermal & Mac. 508 53 53 45 47 43 40 41 38 36 32 32 48 1 55 Sumbal Thermal & Mac. 508 53 53 45 47 43 40 41 38 36 32 32 48 1 75 Sumbal Thermal & Mac. 508 54 54 54 54 54 54 54 54 54 54 54 54 54									020	-700	-000	-000	-733	-717	-750
Total Non-Firm Loads	Total Firm Regional Loads	31821	31827	30530	30566	33297	36039	36830	35654	32750	31532	31532	30107	29916	30554
Total Non-Firm Regional Loads 150 150 143 117 170 101 195 140 193 160 160 130 186 159 170 170 101 195 140 193 160 160 130 186 159 170 170 170 170 170 170 170 170 170 170															
Total Loeds 31970 31977 30672 30684 33467 36140 37025 35793 32943 31693 31692 30237 30101 30713 **Hydro Resources*** Regulated Hydro 1960 1942 1918 1890 1843 1828 1780 1883 1980 2023 2048 2151 2163 2024 **Sustained Peaking Adjustment 1-100 -1388 -2284 -1238 -2278 -1439 -5404 -3780 1883 1980 2023 2048 2151 2163 2024 **Sustained Peaking Adjustment 1-100 -1388 -2284 -1238 -2278 -1439 -5404 -3780 1883 1980 2023 2048 2151 2163 2024 **Sustained Peaking Adjustment 1-100 -1588 -2284 -1238 -2278 -1439 -5404 -3780 1883 1980 2023 2048 2151 2163 2024 **Sustained Peaking Adjustment 1-100 -1588 -2284 -1238 -2278 -1439 -5404 -3780 2023 2048 2151 2163 2024 **Sustained Peaking Adjustment 1-100 -1588 -5284 -1238 -5284 -1238 -5404 -3780 2023 2048 2151 2163 2024 **Sustained Peaking Adjustment 1-100 -1588 -5284 -1238 -5404 -3780 2023 2048 2151 2163 2024 **Sustained Peaking Adjustment 1-100 -1588 -5284 -1439 -5404 -3780 2023 2048 2151 2163 2024 **Sustained Peaking Adjustment 1-100 -1588 -5284 -1439 -5404 -3780 2023 2048 2151 2163 2024 **Sustained Peaking Adjustment 1-100 -1588 -5878 -1448 -1481 1881 1881 1881 1881 1881 1	Regional Non-Firm Loads	150	150	143	117	170	101	195	140	193	160	160	130	186	159
Hydro Resources Regulated Hydro 26986 26953 26391 26721 27017 28342 26216 28119 27490 27631 27597 27185 28269 26981 1960 1942 1918 1890 1843 1828 1780 1883 1890 2023 2048 2151 2163 2024 100 -1388 -2284 -1238 -2278 -1439 -5404 -3768 -4440 -4152 -5497 -1310 -4029 -700 [fotal Hydro Resources 2846 27507 26025 27374 26583 28731 24592 26233 25030 25502 24148 26026 26402 28306	Total Non-Firm Regional Loads	150	150	143	117	170	101	195	140	193	160	160	130	186	159
Regulated Hydro 26986 26953 26391 26721 27017 28342 28216 28119 27490 27631 27597 27185 28269 26981 andependent Hydro 1960 1942 1918 1880 1843 1828 1780 1883 1980 2023 2048 2151 2163 2024	Total Loads	31970	31977	30672	30684	33467	36140	37025	35793	32943	31693	31692	30237	30101	30713
Independent Hydro Resource Independent Hydro Independent Ind															
ndependent Hydro 1960 1942 1918 1890 1843 1828 1780 1883 1990 2023 2048 2151 2163 2024 Sustained Peaking Adjustment 100 -1388 -2284 -1238 -2278 -1439 -5404 -3768 -4440 -4152 -5497 -1310 -4029 -700 Total Hydro Resources 28846 27507 26025 27374 26583 28731 24592 26233 25030 25502 24148 28026 26402 28306 28846 27507 26025 27374 26583 28731 24592 26233 25030 25502 24148 28026 26402 28306 28846 27507 26025 27374 26583 28731 24592 26233 25030 25502 24148 28026 26402 28306 28846 27507 26025 27374 26583 28731 24592 26233 25030 25502 24148 28026 26402 28306 28846 27507 26025 27374 26583 28731 24592 26233 25030 25502 24148 28026 26402 28306 28846 27507 26025 27374 26583 28731 24592 26233 25030 25502 24148 28026 26402 28306 28846 27507 26025 27374 26583 28731 24592 26233 25030 25502 24148 28026 26402 28306 28846 27507 26025 27374 26583 28731 24592 26233 25030 25502 24148 28026 26402 28306 28846 27507 26025 27374 26583 28731 24592 26233 25030 25502 24148 28026 26402 28306 28847 27507 27507 27507 27507 27507 2750 2750		26986	26953	26391	26721	27017	28342	28216	28119	27490	27631	27597	27185	28269	26981
Columbia		1960	1942	1918	1890										
State Stat	Sustained Peaking Adjustment	-100	-1388	-2284											
Combustion Turbines 1054 1054 1055 1080 1538 1540 1538 1537 1082 580 1080 834 1076 1070 combustion Turbines 1054 1054 1055 1080 1538 1540 1538 1537 1082 580 1080 834 1076 1070 combustion Turbines 1054 1054 1055 1080 1538 1540 1538 1537 1082 580 1080 834 1076 1070 combuston Turbines 1054 1054 1055 1080 1538 1540 1538 1537 1082 580 1080 834 1076 1070 1070 1070 1070 1070 1070 1070	otal Hydro Resources	28846	27507	26025	27374	26583	28731	24592	26233	25030	25502	24148	28026	26402	28306
Combustion Turbines 1054 1054 1055 1080 1538 1540 1538 1537 1082 580 1080 834 1076 1070 Renewables 81 81 81 82 83 85 87 86 86 85 85 34 82 82 82 82 82 82 82 82 82 82 82 82 82	Other Resources														
Dombustion Turbines 1054 1054 1055 1080 1538 1540 1538 1537 1082 580 1080 834 1076 1070	small Thermal & Misc.	53	53	45	47	43	40	41	38	36	32	32	40		55
Secretar	combustion Turbines														
ogeneration 775 775 775 775 775 775 775 775 775 77	enewables	81	81												
profits 2102 2102 1560 2362 2445 2991 3038 2855 2315 1698 1998 1597 2116 2050 arg Fhermal 5745 5745 5745 5746 5724 5699 5689 5689 5681 5562 5495 5495 5495 5734 5751 5751 5745 5745 5745 5746 5724 5699 5689 5681 5562 5495 5495 4132 5734 5751 5751 5745 5745 5745 5745 5745 574	ogeneration	775													
arge Thermal 5745 5745 5746 5724 5699 5689 5691 5681 5562 5495 5495 4132 5734 5751 on-Utility Generation 1481 1481 1389 1290 1237 1219 1142 1169 1204 1356 1356 769 1345 1473 esource Acquisition 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	nports														
1481 1481 1389 1290 1237 1219 1142 1169 1204 1356 1356 769 1345 1473 1480 1481 1389 1290 1237 1219 1142 1169 1204 1356 1356 769 1345 1473 1481 1481 1389 1290 12313 12140 11059 10020 10520 7720 11128 11236 1048 1048 1481 1481 1389 1290 1361 11819 12319 12313 12140 11059 10020 10520 7720 11128 11236	arge Thermal	5745													
lesource Acquisition 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Ion-Utility Generation	1481	1481	1389											
otal Resources 40139 38799 36645 38735 38402 41050 36905 38374 36089 35523 34669 35746 37530 39542 ***eserves & Maintenance** ydro Reserves -1447 -1445 -1415 -1431 -1443 -1508 -1500 -1500 -1473 -1483 -1482 -1467 -1522 -1450 mall Thermal & Misc. Reserves -172 -172 -167 -164 -184 -182 -179 -180 -159 -141 -166 -100 -164 -172 ontract Reserves -1449 -1499 -959 -1108 -1111 -1258 -1278 -1337 -1188 -1020 -1020 -1578 -1662 -1409 arge Thermal Reserves -862 -862 -857 -859 -855 -853 -854 -852 -834 -824 -824 -620 -860 -863 egional Hydro Maintenance 4607 -4044 -3787 -3208 -2935 -2037 -1561 -2288 -2631 -2751 -2483 -2360 -2202 -3721 egional Transmission Losses -1031 -1006 -962 -1044 -1041 -1150 -1030 -1052 -973 -956 -936 -966 -1015 -1042 ***otal Reserves, Maintenance & Losses -1038 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 ***otal Net Resources -2079 -2817 -2787 -451 -3259 -2857 -7118 -5303 -4677 -3951 -4515 -2240 -628 -495 ***otal Surplus/Deficits** m Surplus/Deficits -2079 -2817 -2787 -451 -3259 -2857 -7118 -5303 -4677 -3951 -4515 -2240 -628 -495	esource Acquisition	0	0												
Seerves & Maintenance Seerves & Seer	otal Other Resources	11293	11293	10620	11361	11819	12319	12313	12140	11059	10020	10520	7720	11128	11236
Properties Pro	otal Resources	40139	38799	36645	38735	38402	41050	36905	38374	36089	35523	34660	35746	37530	30542
lydro Reserves -1447	eserves & Maintenance							00000	00074	00000	00020	54005	30740	37330	33342
Figure F		-1447	-1445	-141E	1424	1442	1500	4500	4500	4470	4400	4400	4.40	4885	4400
ontract Reserves -1459 -1459 -959 -1108 -1111 -1258 -1278 -1337 -1188 -1020 -1020 -1578 -1662 -1409 arge Thermal Reserves -862 -862 -857 -859 -855 -853 -854 -852 -834 -824 -824 -824 -620 -860 -863 -863 -861 -860 -863 -861 -860 -861 -862 -861 -860 -863 -861 -860 -861 -862 -861 -862 -861 -862 -861 -862 -861 -862 -861 -862 -861 -862 -861 -862 -861 -862 -861 -862 -861 -862 -861 -862 -861 -862 -861 -862 -861 -862 -862 -861 -862 -862 -862 -862 -862 -862 -862 -862															
arge Thermal Reserves															
egional Hydro Maintenance 4607 -4044 -3787 -3208 -2935 -2037 -1561 -2288 -2631 -2751 -2483 -2360 -2202 -3721 pinning Reserves -820 -801 -755 -807 -794 -879 -791 -814 -757 -765 -739 -790 -818 -827 egional Transmission Losses -1031 -1006 -962 -1044 -1041 -1150 -1030 -1052 -973 -956 -936 -966 -1015 -1042 etal Reserves, Maintenance & Losses -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 etal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 etal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 etal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 etal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 etal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 etal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 etal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 etal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 etal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 etal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 etal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 etal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 etal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 etal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9802 -8016 -7941 -7652 -7880 -8243 -9802 -8016 -7941 -7652 -7880 -8243 -9802 -8016 -7941 -7652 -7880 -8243 -9802 -8016 -7941 -7652 -7880 -8243 -9802 -8016 -7941 -7652 -788															
pinning Reserves -820 -801 -755 -807 -794 -879 -791 -814 -757 -765 -739 -790 -818 -827 egional Transmission Losses -1031 -1006 -962 -1044 -1041 -1150 -1030 -1052 -973 -956 -936 -966 -1015 -1042 cotal Reserves, Maintenance & Losses -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 cotal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 cotal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 cotal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 cotal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 cotal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 cotal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 cotal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 cotal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 cotal Net Resources -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 cotal Net Resources -10398 -9789 -8902 -8020 -8															
egional Transmission Losses -1031 -1006 -962 -1044 -1041 -1150 -1030 -1052 -973 -956 -936 -966 -1015 -1042 -1042 -1041 -1150 -1030 -1052 -973 -956 -936 -966 -1015 -1042 -1042 -1041 -1150 -1030 -1052 -973 -956 -936 -966 -1015 -1042 -1042 -1041 -1150 -1030 -1052 -973 -956 -936 -966 -1015 -1042 -1042 -1041 -1150 -1030 -1052 -973 -956 -936 -966 -1015 -1042 -1042 -1041 -1041 -1150 -1030 -1052 -973 -956 -936 -966 -1015 -1042 -1042 -1041 -1041 -1150 -1030 -1052 -973 -956 -936 -966 -1015 -1042 -1042 -1041 -1041 -1150 -1030 -1052 -973 -956 -936 -966 -1015 -1042 -1042 -1041 -1041 -1041 -1150 -1030 -1052 -973 -956 -936 -966 -1015 -1042 -1042 -1041 -1041 -1041 -1041 -1041 -1052 -973 -956 -936 -966 -1015 -1042 -1042 -1042 -1041 -1041 -1041 -1041 -1052 -973 -956 -936 -936 -936 -936 -936 -936 -936 -93															
otal Reserves, Maintenance & Losses -10398 -9789 -8902 -8620 -8363 -7868 -7193 -8023 -8016 -7941 -7652 -7880 -8243 -9484 otal Net Resources 29741 29010 27743 30115 30039 33182 29712 30350 28073 27582 27017 27866 29287 30059 carplus/Deficits rm Surplus/Deficit -2079 -2817 -2787 -451 -3259 -2857 -7118 -5303 -4677 -3951 -4515 -2240 -628 -495															
29741 29010 27743 30115 30039 33182 29712 30350 28073 27582 27017 27866 29287 30059 urplus/Deficits rm Surplus/Deficit -2079 -2817 -2787 -451 -3259 -2857 -7118 -5303 -4677 -3951 -4515 -2240 -628 -495	otal Reserves, Maintenance & Losses	-10398	-9789	-8902	-8620	-8363	-7868	-7193	-8023	-8016	-7041	-7652	7880		
<u>urplus/Deficits</u> rm Surplus/Deficit -2079 -2817 -2787 -451 -3259 -2857 -7118 -5303 -4677 -3951 -4515 -2240 -628 -495															
rm Surplus/Deficit -2079 -2817 -2787 -451 -3259 -2857 -7118 -5303 -4677 -3951 -4515 -2240 -628 -495		29741	29010	27743	30115	30039	33182	29712	30350	28073	27582	27017	27866	29287	30059
101 CumburDafeth 2000 2001 2001 2001 2001 2001 2001 200		0000							•						
otal Surplus/Deficit -2229 -2967 -2929 -569 -3428 -2958 -7313 -5443 -4870 -4111 -4675 -2970 -814 -655	m surplus/Denat	-2079	-2817	-2787	-451	-3259	-2857	-7118	-5303	-4677	-3951	-4515	-2240	-628	-495
	otal Surplus/Deficit	-2229	-2967	-2929	-569	-3428	-2958	-7313	-5443	-4870	4111	-4675	-2370	-814	-655

Exhibit 23: OY 2005-06

Loads and Resources - Pacific Northwest Region 2005 - 2006 Operating Year 1937 Water Year

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Regional Loads														
Regional Firm Loads	29287	29284	28308	30564	33320	36301	37242	35952	33186	31545	31545	30002	29183	29764
Exports	2685	2685	2591	2322	2232	2264		2248		2337	2337	2459	2613	2575
Federal Diversity	-818	-817	-825	-836	-746	-580		-586	-784	-743	-7 4 3	-864	-843	-850
		• • • • • • • • • • • • • • • • • • • •	,	-000	-140	-500	-000	-500	-704	-143	-/43	-004	-043	-030
Total Firm Regional Loads	31154	31152	30073	32050	34805	37985	38914	37614	34632	33139	33139	31597	30953	31488
Non-Firm Regional Loads														
Regional Non-Firm Loads	148	148	144	144	169	85	151	154	188	160	160	130	176	162
Total Non-Firm Regional Loads	148	148	144	144	169	85	151	154	188	160	160	130	176	162
Total Loads	31302	31300	30217	32194	34974	38070	39065	37768	34820	33299	33299	31726	31129	31650
Hydro Resources														
Regulated Hydro	26971	26937	26391	26721	27016	28352	28225	28128	27490	27632	27597	27185	28268	26966
Independent Hydro	1944	1926	1918	1890	1843	1838	1789	1892	1980	2023	2048	2151	2162	2008
Sustained Peaking Adjustment	-100	-1313	-2200	-1166	-2178.	-1354	-5404	-3702	-4440	-4152	-5497	-1270	-3973	-700
Total Hydro Resources	28815	27550	26109	27444	26681	28835	24611	26318	25030	25502	24148	28065	26458	28275
Other Resources														
Small Thermal & Misc.	45	45	45	47	42	AC	40	40	25	20				
Combustion Turbines	1072	1072	1074	1080	43 1538	46 1540	46	43	35	32	32	48	1	47
Renewables	82	82	82	83	84	1540	1538	1537	1082	580	1080	834	1076	1070
Cogeneration	775	775	775	775	775	755	87 775	86	86	85	85	34	82	82
Imports	1724	1724	1496	1395	1708	1982		775	775	775	775	306	775	755
Large Thermal	5715	5715	5715	5723	5697	5709	2051 5710	2046 5700	1463	1398	1398	1312	1832	1774
Non-Utility Generation	1469	1469	1383	1280	1227	1214	1188	1215	5682 1246	5495	5495	4132	4994	5721
Resource Acquisition	0	0	0	1200	0	1214	1100	1215	1246	1399 0	1399 0	812 0	1387 0	1509 0
Total Other Resources	10882	10882	10569	10384	11072	11331	11395	11402	10370	9764	10264			
			10000	10304	11072	11331	11353	11402	103/0	9/04	10204	7478	10146	10958
Total Resources	39696	.38432	36678	37828	37752	40167	36006	37721	35400	35266	34412	35543	36604	39233
Reserves & Maintenance														
Hydro Reserves	-1446	-1443	-1415	-1431	-1443	-1509	-1501	-1501	-1473	-1483	-1482	-1467 ·	-1522	-1449
Small Thermal & Misc. Reserves	-172	-172	-168	-163	-183	-182	-182	-183	-161	-144	-169	-102	-166	-173
Contract Reserves	-1459	-1459	-959	-1108	-1111	-1258	-1278	-1337	-1188	-1020	-1020	-1578	-1662	-1409
arge Thermal Reserves	-857	-857	-857	-858	-855	-856	-857	-855	-852	-824	-824	-620	-749	-858
Regional Hydro Maintenance	-4605	-4042	-3787	-3208	-2935	-2037	-1561	-2288	-2631	-2751	-2483	-2360	-2202	-3721
Spinning Reserves	-814	-798	-763	-805	-800	-878	-790	-814	-755	-763	-737	-789	-795	-822
Regional Transmission Losses	-1016	-994	-962	-1014	-1019	-1120	-1000	-1030	-949	-947	-928	-959	-989	-1032
Total Reserves, Maintenance & Losses	-10370	-9765	-8912	-8587	-8346	-7842	-7168	-8008	-8010	-7932	-7643	-7874	-8085	-9464
Total Net Resources	29327	28667	27766	29241	29406	32324	28838	29712	27390	27334	26769	27669	28519	29769
Surplus/Deficits														
Firm Surplus/Deficit	-1827	-2485	-2307	-2809	-5399	-5660	-10075	-7902	-7242	-5805	-6369	-3927	-2434	-1720
Total Surplus/Deficit	-1976	-2633	-2451	-2953	-5569	-5745	-10226	-8056	-7430	-5965	-6530	-4057	-2610	-1881
•				2000	0000	-01-40	10220	-0000	-1-100	-0000	-0550	-4037	-2010	-1001

Exhibit 24: OY 2010-11

Loads and Resources - Pacific Northwest Region 2010 - 2011 Operating Year 1937 Water Year

Capacity in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul
Firm Regional Loads														
Regional Firm Loads	31691	31688	30603	33047	35916	39148	40259	39016	36077	34401	34400	32630	31682	32225
Exports	2014	2014	1918	1816	1771	1805	1813		1766	1768	1768	1845	1999	2056
Federal Diversity	-879	-878	-895	-915	-828	-645	-663		-860	-804	-804	-912	-881	-893
·	0,0	-0,0	-000	-515	-020	-045	-003	047	-000	-004	-004	-912	-001	-093
Total Firm Regional Loads	32826	32824	31625	33948	36859	40308	41409	40161	36984	35365	35364	33564	32800	33388
Non-Firm Regional Loads														
Regional Non-Firm Loads	162	162	143	112	170	88	191	141	188	161	161	134	174	159
Total Non-Firm Regional Loads	162	162	143	112	170	88	191	141	188	161	161	134	174	159
Total Loads	32988	32986	31768	34060	37029	40396	41600	40301	37172	35526	35526	33697	32974	33547
Hydro Resources														
Regulated Hydro	26974	26940	26393	26723	27038	28374	28248	28151	27512	27653	27619	27201	28272	26970
Independent Hydro	1946	1929	1921	1892	1864	1861	1813	1914	2003	2047	2071	2167	2166	2012
Sustained Peaking Adjustment	-100	-1268	-2153	-1125	-2122	-1306	-5404	-3665	-4440	-4152	-5497	-1247	-3941	-700
Total Hydro Resources	28820	27600	26161	27489	26781	28928	24657	26400	25075	25547	24193	28121	26497	28281
Other Resources														
Small Thermal & Misc.	46	46	46	48	55	59	59	57	49	46	46	57	1	48
Combustion Turbines	1074	1074	1076	1082	1540	1542	1540	1539	1084	582	1082	834	1078	1072
Renewables	82	82	82	83	84	86	87	86	86	85	85	34	82	82
Cogeneration	775	775	775	775	775	755	775	775	775	775	775	306	775	755
Imports	1109	1109	776	972	1254	1196	1213	1242	1274	905	905	1284	1253	1089
Large Thermal	5720	5720	5720	5727	5743	5755	5756	5748	5729	5048	4694	4792	4579	5728
Non-Utility Generation	1462	1462	1376	1273	1228	1215	1197	1224	1255	1407	1407	818	1388	1510
Resource Acquisition	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Other Resources	10269	10269	9850	9961	10679	10607	10628	10670	10252	8847	8993	8124	9155	10284
Total Resources	39089	37869	36012	37450	37460	39535	35285	37070	35326	34394	33187	36245	35652	38566
Reserves & Maintenance														
Hydro Reserves	-1446	-1443	-1416	-1431	-1445	-1512	-1503	-1503	-1476	-1485	-1484	-1468	-1522	-1449
Small Thermal & Misc. Reserves	-172	-172	-168	-163	-184	-183	-183	-184	-162	-145	-170	-102	-166	-173
Contract Reserves	-1459	-1459	-959	-1108	-1111	-1258	-1278	-1337	-1188	-1020	-1020	-1578	-1662	-1409
Large Thermal Reserves	-858	-858	-858	-859	-861	-863	-863	-862	-859	-757	-704	-719	-687	-859
Regional Hydro Maintenance	-4605	-4042	-3787	-3208	-2935	-2037	-1561	-2289	-2632	-2751	-2483	-2360	-2202	-3721
Spinning Reserves	-812	-796	-755	-803	-812	-879	-790	-815	-764	-768	-697	-763	-815	-819
Regional Transmission Losses	-996	-975	-940	-1001	-1009	-1099	-975	-1008	-946	-920	-892	-980	-958	-1010
Total Reserves, Maintenance & Losses	-10348	-9745	-8883	-8573	-8357	-7831	-7153	-7998	-8029	-7846	-7450	-7970	-8013	-9440
Total Net Resources	28741	28123	27129	28877	29103	31704	28131	29072	27298	26548	25736	28275	27639	29125
Surplus/Deficits														
Firm Surplus/Deficit	-4085	-4700	-4496	-5071	-7756	-8605	-13277	-11089	-9686	-8817	-9628	-5288	-5160	-4262
Total Surplus/Deficit	-4247	-4862	-4639	-5183	-7926	-8692	-13468	-11230	-9874	-8978	-9789	-5422	-5335	-4421